

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/571,081  
Source: 1 FWP  
Date Processed by STIC: 3/22/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/571,081

TIME: 14:54:31

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 4 SAWASAKI, Tatsuya  
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 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/571,081  
 11 <141> CURRENT FILING DATE: 2006-03-06  
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/013071  
 14 <151> PRIOR FILING DATE: 2004-09-08  
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-316081  
 17 <151> PRIOR FILING DATE: 2003-09-08  
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OK

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402 cgtccaacca aaccgactct gacggcagtt tacgagagag atgatagggt ctgcttcagt 6300
404 aagccagatg ctacacaatt aggcttgtac atattgtcgt tagaacgcgg ctacaattaa 6360
406 tacataacct tatgtatcat acacatacg 6389

```

409 &lt;210&gt; SEQ ID NO: 3

410 &lt;211&gt; LENGTH: 4608

411 &lt;212&gt; TYPE: DNA

412 &lt;213&gt; ORGANISM: Artificial

414 &lt;220&gt; FEATURE:

415 <223> OTHER INFORMATION: Designed DNA(C145A) based on protease originated from human coronavirus

417 &lt;400&gt; SEQUENCE: 3

```

418 atttaggtga cactatagaa ctcacctatc tccccaacac ctaataacat tcaatcactc 60
420 ttccactaa ccacctatct acatcaccaa gatatcacta gttctcgaga tgagcggctt 120
422 ccgcaagatg gccttcccca gcggcaaggt cgagggtgc atggtgcagg tcacctgcgg 180
424 caccactacc ctgaacggcc tgtggctgga tgacaccgtc tactgcccc gccacgtgat 240
426 ctgcaccgcc gaggacatgc tgaaccccaa ctacgaggac ctgctcatcc gcaagagcaa 300
428 cactccttc ctggtgcagg ccggcaacgt ccagctgcgc gtgatcggcc acagcatgca 360
430 gaactgcctg ctccgcctga aggtggacac cagcaacccc aagaccccca agtacaagt 420
432 cgtgcgcacg cagcccgccc agaccttcag cgtgctggcc tgctacaacg gcagcccccag 480
434 cggcgtgtac cagtgcgcca tgcgccccaa ccacaccatc aagggcagct tcctgaacgg 540
436 gagcgccggc agcgtgggct tcaacatcga ttacgactgc gtaagcttct gctacatgca 600
438 ccacatggag ctgcccaccg gcgtgcacgc cggcaccgac ctggagggca agttctacgg 660
440 ccccttcgtg gaccgccaga ccgccaggc cgccggcacc gacaccacta tcacctgaa 720
442 cgtgctggcc tggctgtacg ccgcgtgat caacggcgac cgctggttcc tgaaccgctt 780
444 caccactacc ctgaacgact tcaacctggg gccatgaag tacaactacg agccctgac 840
446 ccaggaccac gtggacatcc tgggccccct gagcgcccag accggcatcg ccgtcctgga 900
448 catgtgcgcc gccctgaagg agctgtcca gaacggcatg aacggccgca ccatectggg 960
450 cagcaccatc ctggaggacg agttcacccc cttcgacgtc gtgcgccagt gcagcggcgt 1020
452 gaccttccag taaggatcca tatatagggc ccgggttata attacctcag gtcgacgtcc 1080
454 catggttttg tatagaattt acggctagcg ccggatgcga cgccggtcgc gtcttatccg 1140
456 gccttcctat atcaggctgt gtttaagacg ccgcgcttc gcccaaatcc ttatgccggt 1200
458 tcgacggctg gacaaaatac tgtttatctt ccagcgcag gcaggttaat gtaccacccc 1260
460 agcagcagcc ggtatccagc gcgtatatac ctccggcgt acctttgcc tccagcgatg 1320
462 cccagtgacc aaaggcgatg ctgtattctt cagcgacagg gccaggaatc gcaaaccacg 1380
464 gtttcagtg ggcaggggccc tcttcggcg attcttacta gctagtatgc ataggtgctg 1440

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 03/22/2006  
PATENT APPLICATION:    US/10/571,081      TIME: 14:54:32

Input Set : A:\Sequence Listing (diskette).txt  
Output Set: N:\CRF4\03222006\J571081.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28  
Seq#:29,30,31

VERIFICATION SUMMARY

DATE: 03/22/2006

PATENT APPLICATION: US/10/571,081

TIME: 14:54:32

Input Set : A:\Sequence Listing (diskette).txt

Output Set: N:\CRF4\03222006\J571081.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number